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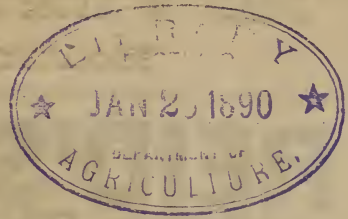
JANUARY 15, 1890.

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Farmer

AND



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Agriculture, Horticulture, Live Stock and Rural Economy.
 THE OLDEST AGRICULTURAL JOURNAL IN MARYLAND, AND FOR TEN YEARS THE ONLY ONE.

AND NEW FARM.

Vol. XXVII. BALTIMORE, January 15, 1890. No. 3.

For The Maryland Farmer.

THE FARMERS' CONVENTION.

The Md. State Farmers' Association met in this city and discussed various interesting topics, during its session on Wednesday of last week.

One of the most important subjects was the adoption of a law for a State Board of Agriculture, which should be presented to the legislature for passage by that body. It appropriates \$4,000 to support an office in Baltimore and to promote the holding of institutes in different localities.

Various other matters will be brought before the Legislature, with the sanction of the Association.

We had the pleasure of listening to Pres. Stake's address and also the address of Asst. Sec'y. Willets of the U. S. Agr. Department. They were full of admirable thoughts on the necessities of practical

action to counteract the present depression in all agricultural pursuits.

Taxes, tariffs, laws, the work of Agricultural Colleges, Experiment Stations, and of the U. S. Dept. of Agriculture were all subjects discussed by this body of farmers.

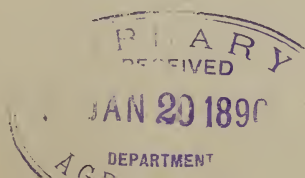
While some have sneered and ridiculed the farmer, he in turn could sting by his wit the lawyer, the doctor and the minister. Some did not hesitate to do so, to the evident delight of those present.

Towards the close of the session, some rather trenchant statements were made concerning unhealthy and disgusting accompaniments of the city milk supplies.

For The Maryland Farmer.

THE FARMERS' LEAGUE.

We do not take any exceptions to the Patrons of Husbandry; but we say, do all



the good you can through the means of Grange. We know that the Grange is the source of an immense amount of good.

But we prefer the Farmers' League, as now in process of Organization and which has worked so admirably in Massachusetts.

The Farmers' League does not hesitate to say we will throw our votes to elect the men to office who will give the agricultural interests their influence and carry them forward to success. We believe in this—not partizan politics—but politics which will build up agriculture, regardless of the two great parties which divide the country.

The League, also, is not a secret society. Its members are voted in, and no secrets are necessary to bind them together.

The cost of belonging to the Farmers' League is the very least possible. To support the National organization 2cts a year from each member. To support the State Organization only 3cts a year from each member. Five dollars will procure the charter.

All farmers who believe the time has come to protect their interests politically should take steps to learn about the Farmers' League. Write, enclosing a stamp, to Herbert Myrick, Springfield, Mass., Secretary of the National Organization who will send all particulars.

We heartily endorse this movement, for it is a necessity. The farmers must act politically if they ever expect to become a power in the land.

OUR LANGUAGE.

"Language is a solemn thing," Dr. Holmes once declared: "it grows out of life—out of its agonies and ecstasies, its wants and its weariness."

That was a good many years ago, says the essayist of the St. Louis Globe Democrat, and he spoke particularly of the

English language, which then contained only about 100,000 words, or with the derivations excluded, 40,000.

Since that time our vocabulary has been practically doubled. The new Century Dictionary will embrace about 200,000 words, without counting any useless compounds.

This remarkable addition to what the same gracious writer has called "the blood of the soul, into which our thoughts run and out of which they grow," surpasses all precedent in the history of languages, and may be said to represent a measure of enterprise and progress never before known on the earth.

The accumulation of new words at such a rapid rate is not a mere matter of accident or caprice; it is the result of certain laws of demand and supply, or insistence and necessity.

For The Maryland Farmer.

RESTORING LANDS.

The question comes to us again and again, "What shall I do to fertilize my worn out land? what shall I use for green crops? I can use time better than I can money and you advocate green crops."

Maryland, Virginia and all the States east of the Alleghany range of mountains contain large areas of worn out land, which only need time and care to restore them to fertility.

The best green crops, all things taken into consideration are clover and alfalfa. But these cannot always be made to grow, and the land will then be prepared for these by "cowpeas."

Any kind of a green crop which will in its decay add considerable carbon to the soil, thus increasing the vegetable character of the land, is desirable.

Next to this want are generally those

rank crops which are able to take large doses of nitrogen from the atmosphere and grow strong with little other fertilizer than a sprinkling of plaster.

Under this head come clover, peas, beans, turnips and some weeds. These may be always used to advantage. It is best, however, to avoid the use of weeds unless they are already in the soil. If already there, bury them.

The roots of clover and turnips are especially valuable in enriching the land.

Thousands of acres in this State can be had for a trifle, which a little time and labor can easily convert into rich and fertile farms, as productive as any part of our country.

The outlay in money would be the cost of seeding, and perhaps a little plaster now and then, which is the very cheapest of fertilizers from a money point of view, though it acts like magic on the above fertilizing crops.

SILO AND SILAGE.

The 2nd edition of this little book by A. J. Cook, of the Michigan Agricultural College, has been issued. The first edition of 3,000 copies has all been exhausted since last March, showing the value placed upon it by the people. It is, as he has said "the whole silo story told concisely—a story every farmer should read."

GRACE AND STRENGTH.

Gracefulness of speech, or manner, or form is not a mere matter of fanciful attractiveness in the observer. It has a solid basis of reason for its admirableness.

Grace is "that element in manner, deportment, or language, which renders it appropriate and agreeable."

There is no waste or loss in grace. It is

always simplicity and directness, as over against the wasteful overdoing of awkwardness.

Nor is there weakness in grace. Edgar Fawcett says truly that "grace is frequently inseparable from grandeur, but [even] when it is not, it is never weakness; it is always strength. The elastic step and flexible form of some delicate maiden may typify an endurance and fortitude not possessed by the sturdiest athlete."

When we say, sincerely, that a person is "grace itself," we do not give an empty compliment to that person's mere surface manners, but we pay a high tribute to the character of that person, as shown in the strength and vigor and wise use of all the personal powers.

Gracefulness is to be attained to only through a growth in character and in its exercise. And whatever one has of gracefulness, by nature, is as truly a precious gift from God as is a brilliant intellect.—It stands for more than personal beauty. It is a token of the life within.—*Sunday School Times.*

VICK'S FLORAL GUIDE.

The cover this year is a gem. But the contents are more valuable than the Cover. Send for it, enclosing 10cts which is allowed on first order, to James Vick, Rochester, New York.

THE PRINCE GEORGE'S INQUIRER.

This is a worthy successor of the Prince Georgian, Upper Marlboro, Md. It comes to us in handsome type, a broad inviting looking sheet, and with plenty of interesting general and local reading matter.

Mention The Maryland Farmer to adv'rs.

Entered as second class matter at Baltimore, Md.

THE
MARYLAND FARMER
 AND
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 Agriculture, Live Stock and Home Life.

Oldest Agricultural Journal in Maryland and
 for ten years the only one.

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ISSUED EVERY WEEK.

Having made such arrangements that we can supply any of our readers with facilities for procuring homes, either in the city or in the country, we would ask that they make their wants known to us. The wide range over which this magazine extends will enable us to gather information from Maine to California, and to meet almost every case without cost to you.

**KANSAS FARMERS' PROFIT
 ON CORN.**

WHERE IS IT?

The Chicago Tribune mentions a consignment of corn which netted the Kausas farmer in that city 5½ cents a bushel. Out of this he must pay hauling to the depot from the farm and all the expenses of raising it.

It says, this was "an extreme case, but there are plenty of others in which about 12 cents is all that can be remitted to the buyer at the country depot west of the Missouri."

Corn is cheap enough here; but we do not wonder they can afford to use it instead of coal out west.

ENGLISH SPARROWS.

We see it stated that One Sparrow hunter has captured 30,000 sparrows during the past summer. We only wish it could be generally known, first, how to catch them; second, how to prepare and cook them; third, how very excellent they are when cooked.

"Four and twenty black birds baked in a pie" would not at all compare with a pie filled with English Sparrows.

Who will invent a trap which will catch a few hundred sparrows for the owner's table? There would be a good sale for such a trap.

IRRIGATION.

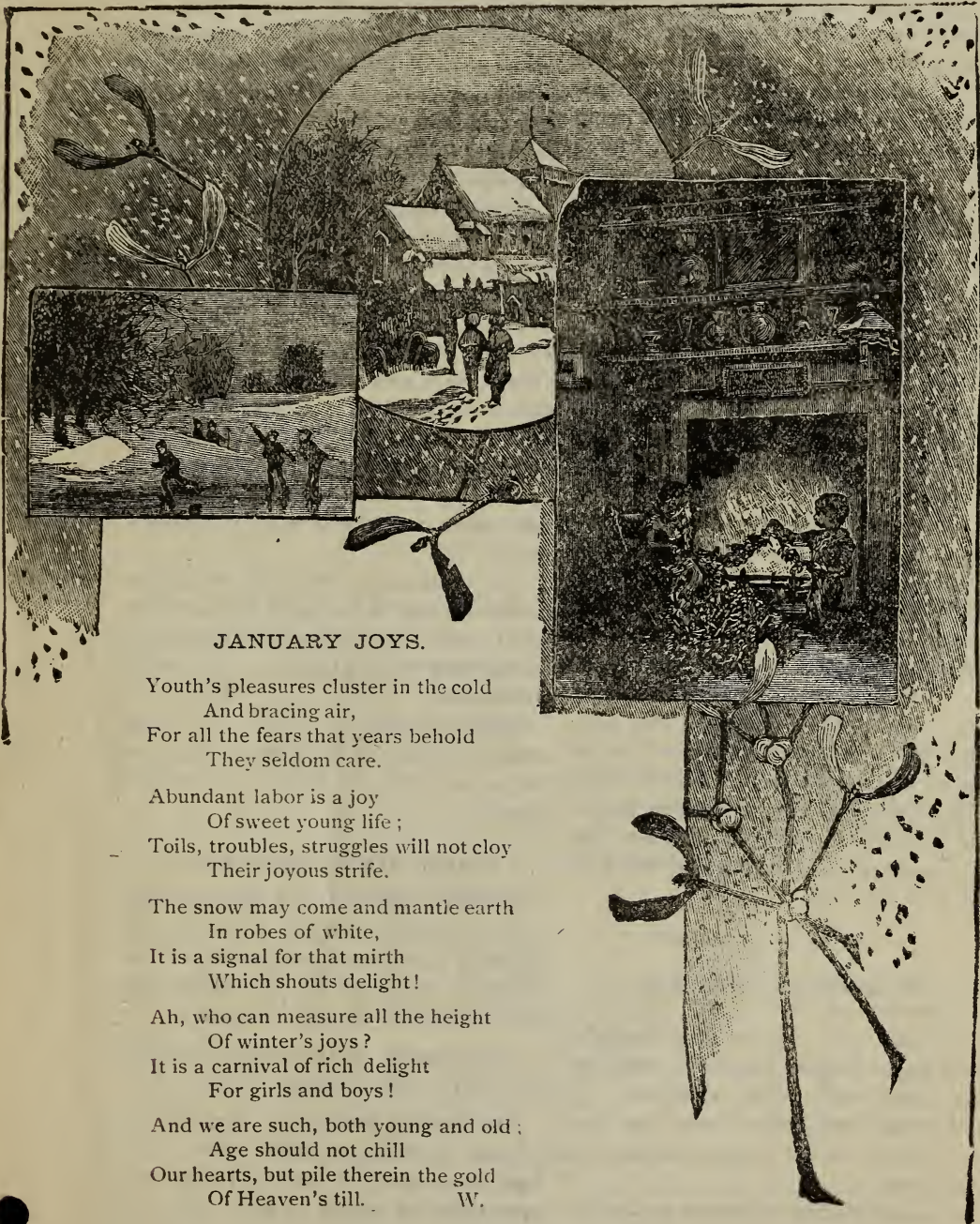
Pres. Alvord introduced a resolution into the Md. Farmers' Association against the project of our government to spend vast sums of money in irrigating western lands.

This seems to us only a scheme to spend money lavishly, and divert the attention of farmers from the fact that the great burden, of these taxes and tariffs to raise the money, comes upon them.

Irrigation is good no doubt for both the east and the west; but not good for our government to undertake.

A SENSIBLE CALENDAR

Is that of N. W. Ayer & Son, the well known advertising agents of Philadelphia, 14 x 22 inches, very large figures, beautifully printed, and sent post paid by them for 25 cts.



JANUARY JOYS.

Youth's pleasures cluster in the cold
And bracing air,
For all the fears that years behold
They seldom care.

Abundant labor is a joy
Of sweet young life ;
Toils, troubles, struggles will not cloy
Their joyous strife.

The snow may come and mantle earth
In robes of white,
It is a signal for that mirth
Which shouts delight !

Ah, who can measure all the height
Of winter's joys ?
It is a carnival of rich delight
For girls and boys !

And we are such, both young and old ;
Age should not chill
Our hearts, but pile therein the gold
Of Heaven's till. W.

A CHEERFUL FACE.

Next to the sunlight of heaven is the cheerful face. There is no mistaking it—the bright eye, the unclouded brow, the sunny smile, all tell of that which dwells within. Who has not felt its electrifying influence? One glance at his face lifts us out of the mists and shadows, into the beautiful realms of hope. One cheerful face in a household will keep everything warm and bright within. It may be a very plain face, but there is something in it we feel, yet cannot express, and its cheery smile sends the blood dancing through the veins for very joy. Ah! there is a world of magic in the plain, cheerful face, and we would not exchange it for all the soulless beauty that ever graced the fairest form on earth. It may be a very little face, but some how this cheery face ever shines, and the shining is so bright the shadows cannot remain, and silently they creep away into dark corners. It may be a wrinkled face, but all the dearer for that, and none the less cheerful. We linger near it, and gaze tenderly upon it, and say: "God bless this dear, happy face! We must keep it with us as long as we can; for home will lose much of its brightness when this sweet face is gone." And even after it is gone, how the remembrance of the cheerful face softens our way!—*Sel.*

A STORY IN A WORD.

Sincerity is one of the most beautiful words in the English language; and, like many other words, it has a history. It comes from two Latin words, *sine* and *cera*, without cement; and its origin was in this wise.

In the golden days of Roman prosperity, when her merchants were very affluent, and dwelt in marble palaces on the banks

of the river Tiber, there was a very natural sort of emulation in the grandeur and artistic adornments of their dwellings.

Their successful wars had made many of the gems of Grecian art the possessions of the Roman people. A taste for sculpture had been awakened, and the sons of Rome set to work themselves in the school of design.

Good sculptures were quickly drawn up. But dodges sometimes took place then as now.

For instance, if the sculptor came upon a flaw in the marble, or if his chisel missed its aim, he had a carefully constructed cement with which he fixed in the chink, and so cleverly fixed it as to be imperceptible. In time, however, and after the purchase had long been completed, heat, or damp, or accident would affect the cement, and it would reveal its presence there.

The consequence was, that when new contracts came to be signed for commissioned works of art, there was a clause put in that they were to be *sine cera*, or without cement.

What a picture-story in a word! What a moral meaning in it,—namely, that true characters should be sincere, or without cement!

BOOKS, CATALOGUES & C.

Mansill's Almanac for 1890 containing a large variety of forecasts of the weather, adapting it to general use particularly of Farmers. 48 pages 25 cts. It contains much to interest thoughtful readers.

The Calendar of the Moss Engraving Co., N. Y., is an ornament for the home.

The Special Bulletin of Agricultural Grasses is worthy of preservation, The Agr. Dept. can give nothing which will encourage the farmer to study what is about him more than will such works as this.

WANTED.

In every village, city, or every P. O. district, we want a good solicitor to obtain subscribers. To such we will give constant work at good wages. The outfit will be sent free.

The weekly is now in the full tide of success. New subscribers are coming in rapidly. Old subscribers are sending in their renewals with many kind words, for which we heartily thank them.

Let us keep the work moving. Let us make the old Maryland Farmer of greater value and of more decided power than ever before.

THE SCHOOLING OF LIFE.

That this life is a stage on which to develop the human soul is scarcely to be doubted.

All our good things are evolved from the conditions of human life.

The evolution of faculty into conduct and into character; the fixing of principles in a man's life, so that they become powers in him—these things are accomplished by the schooling of life itself.

No man inherits activity, enterprise, foresight, justice, benevolence, the finer feelings. They are developed in him by training; and it is a training for which this world is specially adapted.

It is a good grinding world. It is a good sharpening world. It is a good stimulating world. It is not a restful world altogether.

It is a world that wakes men up, and by ten thousand necessities on every side compels them to think, and to think far ahead; to forbear, and to deny themselves; to restrain self-indulgence; to consider others as well as themselves; to combine thoughts and to systemize them. It is a world

which is educating men into practical philosophy and economy. The world, by its very necessities, engenders in men these various traits; and it is fair, since it does so universally, to say that it was designed to do so.—*H. W. Beecher.*

PLEASANTRIES.

Johnny (looking out of the window): "O mamma, how many consternations there are out to-night!"

"I am learning zee language very fast. Zee leetle poy zere a-spinning his top. He's a spinster, —eh?"

She (at the piano): "Listen! How do you enjoy this refrain?"

He: "Very much. The more you refrain, the better I like it."

Teacher: "Now, suppose you had fifteen cents and spent five for a school book, how would you ascertain the amount you had remaining?"

Head Boy: "Count it, sir."

Some one asked an old lady about a sermon, "Could you remember it?"

"Re-member it? La, no! The minister couldn't remember it himself. He had to have it written down."

SPECIMEN COPIES.

We send out many Specimen Copies of our Weekly Magazine—The Maryland Farmer and New Farm.

We ask those who receive them to examine them and send us their order.

Date and sign the enclosed subscription blank and send to us.

If convenient send the cash \$1.00; but if not convenient to-day merely send the order now.

JOHNNIE'S CURE.

"Mamma! mamma!" cried Johnnie "do you know where my cap is? I can't find it anywhere, and papa wants me to go to the post office for him right away."

Mamma was busy sewing but she laid down her work to look for the missing cap. As Johnnie had said, it was nowhere to be seen.

"Where did you put it when you came from school not half an hour ago?"

"On the hat rack, I know, and now it isn't anywhere. Oh, dear! how provoking!"

After fifteen minutes diligent search shared by all the members of the family the cap was found tucked away in the owner's coat pocket and Johnnie ran off to do his father's errand, while the others returned to their interrupted work and tried to make up for lost time.

"Johnnie is growing more careless every day," said his mother. "I don't know what to do with him. It isn't always possible to make him look for his own things, and I'm afraid nothing else will cure him."

"Suppose we try setting a frightful example," suggested his older sister.

"Perhaps that would do," replied his mother, as the details of the plan presented themselves.

The next afternoon Johnnie rushed in from school crying, "Mamma, Mrs. Harris says the ice is strong enough to bear us, and we are all going skating; but I've just torn my coat. Can you please mend it right away?"

"Yes, if I can find my thimble. See if it is in my basket."

"Why, I don't see where it can be," said Mrs. Black feeling in her pocket and not finding it. "Look all around the room."

Johnnie, in too much haste to think

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FAMOUS MFG. CO. Chicago, Ill.

how very strange it was for his orderly mother to mislay anything, hunted diligently, but no thimble came to light.

"Go ask Jennie for hers." Jennie's was also missing. "I think you will have to stay at home: you certainly cannot wear that coat as it is."

Sore as the disappointment was Johnnie was obliged to submit. For a week the very spirit of disorder seemed to rule the house. Every article was left where it was last used, until the once tidy rooms looked fairly cheerless with the accumulated litter. There was one exception. While Johnnie was constantly called upon to look for Jennie's gloves, or mamma's scissors, or papa's umbrella, his own cap was more frequently on the rack, his skates on their hook, his slate and books strapped together.

Finally, after an unusually trying experience, he exclaimed one day, "I never saw such a house as this is getting to be. I seem to be the only one that ever puts things where they belong."

The shout of laughter that went up at this extraordinary statement somewhat abashed the speaker, but he sturdily maintained his point: whereupon the others promised that if he would continue to set such a good example they would certainly follow it.

That week taught Johnnie a lesson he never forgot.—*Morning Star.*

Mention The Maryland Farmer to adv's.

SOME SMALL THINGS.

One of the best lawyers in Virginia says he would on no account leave his children any considerable amount of property, and he gives away not less than \$4000 a year.

There are in this country forty-eight national societies of women, with a direct membership of five million. The largest is the Women's Christian Temperance Union, with a membership of two hundred and ten thousand.

A bundle of spider-webs not larger than a buckshot and weighing less than one drachm, would, if straightened out and untangled, reach a distance of 350 miles, or farther than St. Louis to Kansas City.

In the milt of a codfish, or in water in which vegetables have been infused, the microscope discovers animalculi so minute that 100,000 of them would not exceed in bulk a single mustard seed. Strange to say these infinitesimal creatures are supplied with organs as complete as those of the whale or elephant.

The smallest circular saw in the world now in actual use is a tiny disc less than the fourth of an inch in diameter used in the Tiffany jewelry establishment for slitting gold pens. It is about the thickness of a sheet of writing paper and revolves at the rate of 4,000 revolutions per minute.

The high velocity keeps the saw rigid, notwithstanding its thinness.

At the Paris exposition a Florentine friar shows a watch only a quarter of an inch in diameter. It has not only the two regular hands, but a third, which marks the seconds, and a microscope dial which indicates the days, weeks, months and years. It also contains an alarm, and on its front lid or cover an ingeniously cut figure of St. Francis. On the back cover, by aid of a powerful glass, you can distinctly see and read two verses of the "Te Deum."

The saying that "we are wonderfully and curiously made" comes home with force when we examine the skin of our bodies with a powerful microscope. We find that it is covered with minute scales like those on a fish. A single grain of fine sand would cover 100 of these tiny scales, yet, small as they are, each is the covering for from 300 to 500 pores.

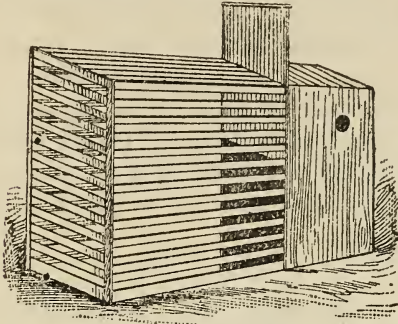
The gold-beaters of Berlin exhibit at the Paris exposition gold leaves so thin that it would require 282,000 to produce the thickness of a single inch, yet each leaf is so perfect and free from holes as to be impenetrable by the strongest electric light. If these leaves were bound in book form it would take 15,000 to fill the space of ten common book leaves. One volume of these leaves an inch in thickness would contain as many pages as a whole library of 1,500 volumes of paper books with an average of 400 pages to the book.

You find yourself refreshed by the presence of cheerful people. Why not make earnest effort to confer that pleasure on others.

HATCHING BOX AND BROOD COOP

An Unpatented but Convenient Plan, Valuable to Poultrymen.

The hatching box and brood coop here depicted was designed by an Iowa poultry keeper, and illustrated in American Poultry Journal as something of value to every poultryman:



AN UNPATENTED COOP.

The box is 18 inches square and 24 inches high. There is a sliding door in the front the width of the box, less the width of the groove pieces in which it slides. There is a hole in each side, near the top, for the purposes of ventilation and light. In the box is placed about four inches of moist black dirt; upon this is placed cut straw. All is now in readiness for the eggs and the setting hen. She is given the eggs and the door is closed.

The run is made of lath—the width and length of the box and one lath long. A combination trough, containing corn water and gravel, is placed in front of the end of the run. Once a day the door is raised and the hen is allowed to come off, which she does, and after eating, drinking and taking a dust bath, returns to the nest. The eggs are examined by opening a small slide door in the back of the box.

The hen on the nest, the doors are closed, and old biddy rests content, believing that no one on earth knows where she is. She is safe from rats and other large vermin. She is not molested by other hens. In fact, she is as a sitting hen should be. Since using this coop I have hatched a far larger per cent. of eggs than ever before. There is nothing to prevent the hen from hatching every fertile egg. When the chicks are hatched they and the hen are removed. The box and run are thoroughly cleaned. Then it is placed in the yard and the hen and

Cold weather is a good season in which to visit neighbors and friends—the long evenings are full of happy life.

chicks put into it. It makes a splendid brood coop. In it the little chickens can be fed, and larger birds cannot enter in to share their meal or purloin it all. It gives the hen the ground in which to scratch and dust, and can be moved so as to give the hen fresh earth whenever desired.

Pigs are large consumers of food as compared with their weight, but when penned up for fattening they expend only a small proportion of it in keeping up animal heat, consequently they increase rapidly in flesh and fat, and are considered economical meat producers.

Dairy cattle ought to have access to salt every day, and salt should be added to all their stable feed. A series of experiments has convinced me that when cows are denied salt for a period of even one week, they will yield from 14½ to 17½ per cent. less milk, and that of an inferior quality. Such milk will on an average turn sour in twenty-four hours less time than milk drawn from the same or similar cows receiving salt, all other conditions of treatment being equal.—Professor Robertson.

A subject upon which a great deal of advice is annually given, but one which can never be worn out, is that of winter feeding. It is now generally conceded that no one article can be fed the winter through with entirely satisfactory results. Fowls must have a varied diet, as no single element can supply all the needs of the system. Provision must be made for feeding vegetables occasionally in addition to the allowance of grain or meal.—Farmer's Review.

A big fortune awaits any one who can successfully cultivate truffles, according to The American Garden. There ought to be no more difficulty in this than mushrooms, but somehow no one has done it yet. A French gentleman named Kieffer has ventured on experiments. All he has done so far is to make them grow abundantly on spots where naturally they are found. In a wild state they grow wholly under ground, and dogs are trained to locate them by smell.

PEAR TREES.

Effectual Cure of Cracking and Scab of the Pear Gained by Regrafting the Trees with Popular Market Varieties That Are Free from Disease.

Horticulturists who have long been engaged in cultivating the different varieties of the pear are aware of the disease known as cracking and scab, which greatly injures and renders certain sorts worthless. In many localities this dis-



FIG. 1—REGRAFTING PEAR TREES. ease has nearly destroyed the Flemish Beauty and the White Doyenne. Country Gentleman advises as the most effectual cure the regrafting of trees with varieties that are not affected.

Such popular market sorts as Bartlett, Howell, Anjou and Lawrence which have escaped disease and are employed to give new tops, the Bartlett more especially taking the lead. The accompanying illustrations give an idea of the manner in which the authority quoted does the work.

Fig. 1 represents a tree of the Seckel pear about 15 years old, which for some years has ceased to bear smooth and fair fruit. It is about to be furnished with a new Bartlett top. The grafts are to be set near the base of the head, at points in smaller sized limbs marked with short double lines. A part of the smaller lower limbs are to be left one year, to be grafted the year after the first, as it is not advisable to cut off the whole top at once. Most of the larger limbs are cut,

This is an "ad"; A pleasant dwelling in a pleasant locality in Baltimore is for sale very low—write to us at once.

1890.

Harper's Bazar.

ILLUSTRATED.

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The Maryland Farmer,

and the wounds painted. Enough shade should be removed to give air and light to the grafts.



FIG. 2—REGRAFTING PEAR TREES.

The second year the remainder of the small limbs are grafted, at which time the shoots from the previous year's grafts will present the appearance represented by Fig. 2. One more year's growth will make a good bearing Bartlett tree. To give a full measured crop, several grafts must be inserted spreading from each other.

GOOSEBERRY MILDEW.

Mr. Goff, in a report to the New York agricultural experiment station, tells how gooseberry mildew was checked by spraying the bushes several times with a half or a quarter ounce of sulphide of potassium to a gallon of water. The substance also checked the ravages of the currant worm. Apple scab was checked by sulphide of potassium, applied at the rate of one-half ounce to the gallon. This substance appeared to possess more value than hyposulphite of sodium. Sulphide of calcium did no good.

Numbered with the comparatively few flowering plants that thrive in shaded places are Iris Kämpferi, Lilium superbum, Eupatorium ageratoides, Achillea ptarmica, aquilegia in varieties, lily of the valley, snowdrops, Apios tuberosa (climber), ferns in variety, arums in variety, trilliums, hardy orchids, ampelopsis, honeysuckles, Lilium tigrinum. These do best in a moist, deep soil.

When you drive do not forget that your horse will need blanketing as soon as he stops. Put it on and fasten it so that it will not slide off.

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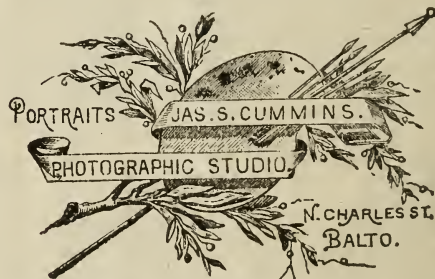
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Number 106

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BREAKING BULLS.

Mr. Eddy, in New England Homestead, tells of a method of breaking bulls that is both practical and economical. He takes the animal at any age and puts on the same harness that he would use on a horse, turning the collar the opposite side up, and hitches him into a two wheeled cart in some large field where there are no trees. He then gets in for a ride, letting Mr. Bull go where he wants to. When the bull begins to tire he continues to drive him until he is thoroughly conquered. After the first trial he has no difficulty in working him. But he always keeps a rope attached to the ring in the nose so that the animal cannot run away. Mr. Eddy has a 4-year-old Holstein bull that has drawn all the manure on the farm the last year, and now does all the work, such as drawing corn fodder for twenty-one cows every day and earth for the stable. He says that considerable care should be taken not to overload the animal for the first few weeks, for if once balky he will make trouble.

COW "DAINTY."

The growing popularity in England of the little Irish breed of cattle known as the "Kerry" warrants a few words in its behalf. At the recent Windsor show great interest was shown in the large and excellent display of Kerrys and Dexter-Kerrys. Her majesty the queen was positively pleased with them, and in consequence a small herd has been established at Windsor. At the show of the Newcastle "Royal" was on exhibition a beautiful bull, "Moonlighter," which so pleased the Prince of Wales that he purchased the animal in the presence of the many thousand persons who surrounded the ring. The illustration here given affords a good representation of the prize winner Dexter-Kerry cow "Dainty."

G. M. Allender, an English authority on the Kerry and Dexter-Kerry breeds, writes: While convinced that the Dexter is without doubt the more useful animal of the two, if a choice between them has to be made, I do not wish to deny that the Kerry proper is a good little beast—only I think the Dexter is a better. While

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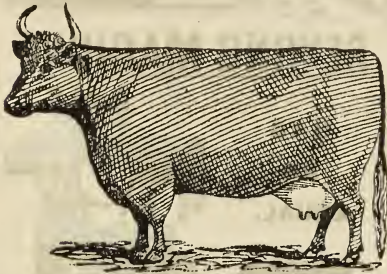
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not inferior to the Kerry in milking properties or in constitution, the Dexter is a most perfect "beef" animal, and as the "joints" are small, and the quality of the meat excellent, I look upon it as the "Southdown" amongst cattle. The Kerry proper is not a beef animal, little more so than the Jersey, but the Dexter feeds quickly, either as a steer or a barren cow, and weighs from 400 pounds to 500 pounds dead.



DEXTER-KERRY COW "DAINTY."

About ten quarts per diem is a fair average in milk. As to quality of their milk, Dr. Vieth's analyses, recently published in The Journal of the R. A. S. E., clearly show that taking 100 average animals of each breed, Dairy Shorthorns, Jerseys and Kerrys, or Dexters, the Kerry breeds stand exactly midway between the two as butter producers: that the Kerrys give as much milk as the Jerseys, but, in the case of the Dexter variety, when no longer milking, they make beef quickly and of the best quality. In comparison with Dairy Shorthorns, although the quality of the milk is much better, it is of course produced in less quantity, as may be expected from the difference in the size of the two breeds, a big Dairy Shorthorn weighing at least as much as two Dexter-Kerrys.

Against this, however, we have to look at the consumption of food, and the fact that the hardy little Dexter will stand any weather. Dexters are decidedly coming to the front as they deserve. The foundation of a herd at Sandringham has now been followed by the establishment of one at Windsor, and I am sure that we shall see these handsome little animals making their way as the "home farm" cattle for the dairy and for the table. Kerry beef will be the fashion on the Christmas table, and a very good fashion it will be.

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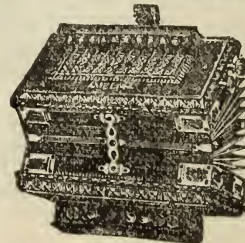
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Patent [June 7, 87]
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We have taken an ordinary pint measure, filled it with ordinary white pea beans, poured the beans into an ordinary pint fruit jar such as is used for preserving fruit, sealed it securely, and deposited it with a Brooklyn Trust Company. It cannot be opened or counted until April 15th, 1890, and no person now knows how many beans the jar contains.

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5	" " " " " "	.25
50	" " " " " "	.10
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200	" " " " " "	.025
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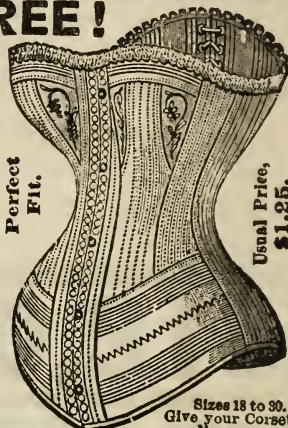
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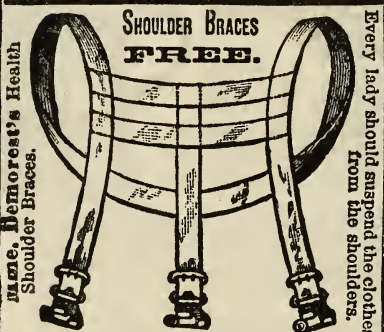
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